

4100
RAW SEQUENCE LISTING
PATENT APPLICATION US/08/324,001

AU 1804

DATE: 03/25/96
TIME: 17:07:02

INPUT SET: S9463.raw

4/19/96

This Raw Listing contains the General
Information Section and up to the first 5 pages.

187
MORRISON
3/25/96
RECEIVED
ALLOWED FILES/CORRES
PUBLISHING DIVISION
JUN 25 AM 11:41

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: NOONBERG, SARAH B.
HUNT, C. ANTHONY

(ii) TITLE OF INVENTION: IN VIVO OLIGONUCLEOTIDE GENERATOR, AND
METHODS OF TESTING THE BINDING AFFINITY OF TRIPLEX FORMING
OLIGONUCLEOTIDES DERIVED THEREFROM

(iii) NUMBER OF SEQUENCES: 25

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: MORRISON & FOERSTER
(B) STREET: 755 PAGE MILL ROAD
(C) CITY: PALO ALTO
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 94304-1018

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/324,001
(B) FILING DATE: 13-OCT-1994
(C) CLASSIFICATION:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: MONROY, GLADYS H.
(B) REGISTRATION NUMBER: 32,430
(C) REFERENCE/DOCKET NUMBER: 22000-20544.20

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (415) 813-5600
(B) TELEFAX: (415) 494-0792
(C) TELEX: 706141 MRSN FOERSSFO

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

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47 (A) LENGTH: 38 base pairs
48 (B) TYPE: nucleic acid
49 (C) STRANDEDNESS: single
50 (D) TOPOLOGY: linear
51
52
53
54
55

56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
57

58 TCGACTCCTC TTCCTCCTCC ACCTCCTCCT CCCATGCA
59

38

60 (2) INFORMATION FOR SEQ ID NO:2:
61

62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 38 base pairs
64 (B) TYPE: nucleic acid
65 (C) STRANDEDNESS: single
66 (D) TOPOLOGY: linear
67
68
69
70
71

72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
73

74 TCGACCTCCC TTCCCTTCCC TTCCCCTTCC TCCATGCA
75

38

76 (2) INFORMATION FOR SEQ ID NO:3:
77

78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 40 base pairs
80 (B) TYPE: nucleic acid
81 (C) STRANDEDNESS: single
82 (D) TOPOLOGY: linear
83
84
85
86
87

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
89

90 TCGACATGAG CATTTCATCAG GCGGGCAAGA ATGTGATGCA
91

40

92 (2) INFORMATION FOR SEQ ID NO:4:
93

94 (i) SEQUENCE CHARACTERISTICS:
95 (A) LENGTH: 39 base pairs
96 (B) TYPE: nucleic acid
97 (C) STRANDEDNESS: single
98 (D) TOPOLOGY: linear
99

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104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

105

106 TCGAGCATGG CCCCTGCGCA AGGATGACAC GCAAATGCA 39

107

108 (2) INFORMATION FOR SEQ ID NO:5:

109

110 (i) SEQUENCE CHARACTERISTICS:

111 (A) LENGTH: 38 base pairs

112 (B) TYPE: nucleic acid

113 (C) STRANDEDNESS: single

114 (D) TOPOLOGY: linear

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117

118

119

120 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

121

122 TCGACCGCCC CGCCCTGCCA CTCATCGCAG TACATGCA 38

123

124 (2) INFORMATION FOR SEQ ID NO:6:

125

126 (i) SEQUENCE CHARACTERISTICS:

127 (A) LENGTH: 40 base pairs

128 (B) TYPE: nucleic acid

129 (C) STRANDEDNESS: single

130 (D) TOPOLOGY: linear

131

132

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134

135

136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

137

138 TCGACTTTTC TCCATTTTAG CTCCTTAGC TCCTGATGCA 40

139

140 (2) INFORMATION FOR SEQ ID NO:7:

141

142 (i) SEQUENCE CHARACTERISTICS:

143 (A) LENGTH: 21 base pairs

144 (B) TYPE: nucleic acid

145 (C) STRANDEDNESS: single

146 (D) TOPOLOGY: linear

147

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152 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

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153
154 GTCCTAGGCT TTTGCACTTT T 21
155
156 (2) INFORMATION FOR SEQ ID NO:8:
157
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 21 base pairs
160 (B) TYPE: nucleic acid
161 (C) STRANDEDNESS: double
162 (D) TOPOLOGY: linear
163
164
165
166
167
168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
169
170 GTCCTAGGCT TTTGCACTTT T 21
171
172 (2) INFORMATION FOR SEQ ID NO:9:
173
174 (i) SEQUENCE CHARACTERISTICS:
175 (A) LENGTH: 21 base pairs
176 (B) TYPE: nucleic acid
177 (C) STRANDEDNESS: double
178 (D) TOPOLOGY: linear
179
180
181 (iv) ANTI-SENSE: YES
182
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
187
188 AAAAGTCCAA AAGCCTAGGA C 21
189
190 (2) INFORMATION FOR SEQ ID NO:10:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 50 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: double
196 (D) TOPOLOGY: linear
197
198
199
200
201
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
203
204 ATTCTTATAC TTCCTCAAGC AGCCCTCCTC CTCCACCTCC TCCTTCTCCT 50
205

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206 (2) INFORMATION FOR SEQ ID NO:11:

207

208 (i) SEQUENCE CHARACTERISTICS:

209 (A) LENGTH: 50 base pairs

210 (B) TYPE: nucleic acid

211 (C) STRANDEDNESS: double

212 (D) TOPOLOGY: linear

213

214

215

216

217

218 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

219

220 AGGAGAAGGA GGAGGTGGAG GAGGAGGGCT GCTTGAGGAA GTATAAGAAT

50

221

222 (2) INFORMATION FOR SEQ ID NO:12:

223

224 (i) SEQUENCE CHARACTERISTICS:

225 (A) LENGTH: 28 base pairs

226 (B) TYPE: nucleic acid

227 (C) STRANDEDNESS: single

228 (D) TOPOLOGY: linear

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230

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232

233

234 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

235

236 UCCUCUCCU CCUCCCCUC CUCCUCCC

28

237

238 (2) INFORMATION FOR SEQ ID NO:13:

239

240 (i) SEQUENCE CHARACTERISTICS:

241 (A) LENGTH: 28 base pairs

242 (B) TYPE: nucleic acid

243 (C) STRANDEDNESS: single

244 (D) TOPOLOGY: linear

245

246

247

248

249

250 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:

251

252 GGGAGGAGGA GGGGGAGGAG GAAGAGGA

28

253

254 (2) INFORMATION FOR SEQ ID NO:14:

255

256 (i) SEQUENCE CHARACTERISTICS:

257 (A) LENGTH: 82 base pairs

258 (B) TYPE: nucleic acid

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/324,001

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Original Text